

JOB OPENING

R&D Engineer

Position type	<input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Fixed-term <input type="checkbox"/> Internship (# of months) <input type="checkbox"/> Hourly
Percentage	<input checked="" type="checkbox"/> Full time 100% <input type="checkbox"/> Part-time
Starting date	01.01.2021
Location	Lunaphore Technologies SA, Route de Lully 5c, CH-1131 Tolochenaz

Lunaphore Technologies is a start-up developing laboratory instruments based on a microfluidic technology to analyze tissue samples for cancer research. Lunaphore is seeking a highly motivated candidate to join our team and contribute directly to the development and growth of the company.

Summary

We are looking for an R&D engineer to strengthen our Research and Development team. The key mission is to ensure that the developed prototypes are functional and mature enough to be transferred to our biological assay development team.

Role/Responsibilities

You are working in a multidisciplinary team in collaboration with engineers and biologists. Your main activities are the following:

- ✿ This position reports to the: VP Instrument Development.
- ✿ Design test protocols and execute them to achieve proof of concept of novel functionalities of the instrument developed by the mechanical and software teams. These tests include microfluidic tests, mechanical robustness tests and immunostaining tests on tissue samples.
- ✿ Design and execute ageing tests for reagents and consumable microfluidic chips.
- ✿ Test and optimize new designs and assembly processes of microfluidic chips.
- ✿ Define specifications for the reagents kits to be commercialized with the instruments and ensure their integration in the product portfolio.
- ✿ Perform immunofluorescence and immunohistochemistry techniques for specific biomarkers, including protocol execution, image acquisition, image processing and results analysis.
- ✿ Define technical specifications for the integration of optical elements in the existing instruments, interact with the manufacturer and test the integrated solutions iteratively.
- ✿ Collaborate and report effectively to the supervisor and to the team through written presentations and reports.

Required qualifications

- ✿ A validated experience of at least 2 years in a similar position
- ✿ MSc. or PhD in microtechnology, physics, systems engineering, biomedical engineering or a similar field
- ✿ A strong taste for hands-on engineering and for laboratory work
- ✿ Proficiency in English (at least C1)

Required soft skills

- ✿ Organizational skills and attention to detail
- ✿ Ability to interact and work in a team
- ✿ Capacity to adapt in a constantly changing environment

We offer

- ✿ A multidisciplinary industrial project within a strongly growing high-tech startup
- ✿ An international working environment with high level of diversity and strong network
- ✿ A highly interactive team with strong personal and technical qualities

Contact information

If you are interested, please send your application (CV + cover letter and any additional supporting document) electronically to: **human.resources@lunaphore.com**